

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/729,925 Confirmation No. 2420
Applicant : A. SHIMADA et al
Filed : December 9, 2003
Title : APPARATUS AND METHOD FOR PARTITIONING AND
MANAGING SUBSYSTEM LOGICS
TC/AU : 2188
Examiner : D.T. Doan
Docket No. : 500.43322X00
Customer No.: 24956

Commissioner for Patents
Mail Stop DD
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT (IDS)
UNDER § 1.97 AND § 1.98

Sir:

In accordance with the duty of disclosure, Applicants inform the Examiner of documents cited during prosecution of related applications.

1. This IDS should be considered:

(a) when filed within three months of the filing date of the present application, or within three months of the filing date of the National Stage as set forth in § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last;

(b) when filed before the mailing date of either a Final Rejection under § 1.113 or a Notice of Allowance under § 1.311, whichever occurs first and when 1(a) does not apply. For this purpose, there is included herein either a certification in section 4 below (included when indicated by a marked box), or a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 is enclosed, or if not see section 5 below);

(c) when filed prior to the payment of the Issue Fee, when 1(a)-(b) do not apply, and when a certification is included in section 4 below (included when indicated by a marked box); then the Applicant(s) hereby petition(s) and request(s) consideration of this IDS, and provided herewith is a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 to cover the petition fee, or if not see section 5 below).

2. When 1(a)-(c) do not apply, then it is requested that this IDS be placed in the file.

3. Listing of the information submitted is on the attached Form PTO-1449, which forms a part of this IDS. A copy of each listed document is enclosed when needed.

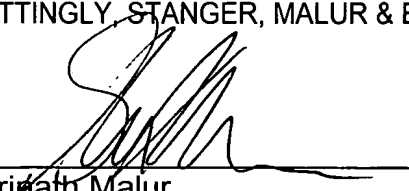
4. If a fee or additional fee is required, the Commissioner is hereby authorized to charge any fee or additional fee that may be required and credit any excess to Deposit Account No. 50-1417.

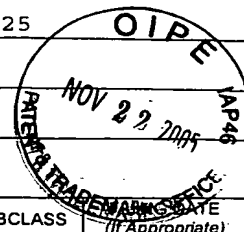
5. No explanation of relevancy is being provided for the following document(s) because each is either in the English language, discussed in the present Specification, or its relevance is as stated in a communication from a foreign patent office in a counterpart foreign application.

6. If the PTO determines that part(s) of the required content is inadvertently omitted, then it is requested that the Applicant(s) be given additional time and specific identification of such omission(s) to enable full compliance.

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

By 
Shrinath Malur
Reg. No. 34,663
(703) 684-1120

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500.43322X00SERIAL NO.
10/729,925**LIST OF DOCUMENTS CITED BY APPLICANT**
(Use several sheets if necessary)APPLICANT
A. SHIMADA et al
FILING DATE
December 9, 2003GROUP
2188**U.S. PATENT DOCUMENTS**

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	(If Appropriate)
AA	2003/ 0115218	06/2003	Bobbitt et al			
AB	6,484,245	11/19/02	Sanada			
AC	6,742,090	05/25/04	Sanada			
AD	6,542,961	04/01/03	Matsunami			
AE	6,606,695	08/12/03	Kamano			
AF	2004/ 0153605	08/05/04	Nakamura			
AG	2003/ 0229698	12/11/03	Furahashi			
AH	2003/ 0120743	06/26/03	Coatney			
AI	2003/ 0115282	06/19/03	Rose			
AJ	2004/ 0153710	08/05/04	Fair			
AK	6,718,481	04/06/04	Fair			

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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AL	1321848	12/20/02	EP			<input checked="" type="checkbox"/>	<input type="checkbox"/>
AM	2002- 230189	08/2002	JP (with English Abstract) corresponds to US 2002/0107810			<input type="checkbox"/>	<input type="checkbox"/>
AN	2003- \030053	01/2003	JP (with English Abstract) corresponds to US Pub. 2003/0014600			<input type="checkbox"/>	<input type="checkbox"/>
AO						<input type="checkbox"/>	<input type="checkbox"/>
AP						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR	Swartz, K., "Multiple Volumes and Multiple RAID Groups on NetApp Fliers", Network AppliCance Report TR 3027, no date, from Google cache online.
AS	Rangel, G., "Hitachi Freedom Storage: Thunder 9200 Architecture and Performance Configuration Guidelines", Hitachi Data Systems, 2001, pp.1-27.
AT	

EXAMINER

DATE CONSIDERED

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 500.43322X00	SERIAL NO. 10/729,925
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT A. SHIMADA et al	
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U.S. PATENT DOCUMENTS

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
AA	6,594,775	07/15/03	Fair			
AB	6,691,209	02/10/04	O'Connell			
AC	6,865,157	03/08/05	Scott			
AD	6,904,470	06/07/05	Ofer			
AE	5,973,690	10/26/99	Ofer			
AF	6,507,896	12/14/03	Sanada			
AG	2004/ 0168033	08/26/04	Sanada			
AH	6,523,096	02/18/03	Sanada			
AI	2002/ 0083285	06/27/02	Sanada			
AJ	6,609,180	08/18/03	Sanada			
AK	2002/ 0010843	01/24/02	Sanada			

FOREIGN PATENT DOCUMENTS

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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 500.43322X00	SERIAL NO. 10/729,925		
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U.S. PATENT DOCUMENTS							
* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE <i>(If Appropriate)</i>
	AA	6,728,844	04/27/04	Sanada			
	AB	2001/ 0011333	08/02/01	Sanada			
	AC	6,742,090	05/25/04	Sanada			
	AD	2001/ 0011332	08/02/01	Sanada			
	AE	6,877,073	08/05/05	Sanada			
	AF	2001/ 0008010	07/12/01	Sanada			
	AG	2005/ 0172052	08/04/05	Sanada			
	AH	6,910,102	06/21/05	Matsunami			
	AI	6,701,410	03/02/04	Matsunami			
	AJ	2004/ 0158673	08/12/04	Matsunami			
	AK	2005/ 0033914	02/10/05	Matsunami			
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	AA	6,701,411	03/02/04	Matsunami				
	AB	6,851,029	02/01/05	Matsunami				
	AC	2002/ 0091898	07/11/02	Matsunami				
	AD	2002/ 0095549	07/18/02	Matsunami				
	AE	2003/ 0191910	10/09/03	Matsunami				
	AF	2001/ 0047463	11-29-01	Kamano				
	AG	2003/ 0196055	10/16/03	Kamano				
	AH	2004/ 0199736	10/07/04	Kamano				
	AI	2003/ 0225934	12/04/03	Kaji				
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* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE <i>(If Appropriate)</i>
	AA	2003/ 0009648	01/2003	Doing et al			
	AB	6,279,046	08/2001	Armstrong et al			
	AC	6,542,926	04/2003	Zalewski et al			
	AD	6,247,109	06/2001	Kleinsorge et al			
	AE	6,021,481	02/2000	Eickemeyer et al			
	AF	6,330,653	12/2001	Murray et al			
	AG	6,438,671	08/2002	Doing et al			
	AH	2002/ 0065982	05/2002	Colligan, Tom			
	AI	2005/ 0071446	03/2005	Graham et al			
	AJ	2002/ 0099914	07/2002	Matsunami et al			
	AK	2005/ 0166074	07/2005	Hack, Mark Elliott			
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AA	6,742,034	05/2004	Schubert et al			
AB	2005/ 0021727	01/2005	Matsunami et al			
AC	2004/ 0215915	10/2004	Block et al			
AD	2002/ 0161891	10/2002	Higuchi et al			
AE	2003/ 0177176	09/2003	Hirschfeld et al			
AF	2004/ 0210591	10/2004	Hirschfeld et al			
AG	2004/ 0215859	10/2004	Armstrong et al			
AH	2004/ 0215860	10/2004	Armstrong et al			
AI	2004/ 0181589	09/2004	Suleiman, Yaser I.			
AJ	6,839,796	01/2005	Dawson et al			
AK	2003/ 0115438	06/2003	Mahalingam et al			

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* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE <i>(If Appropriate)</i>
	AA	2005/ 0005064	01/2005	Ito et al			
	AB	6,684,209	01/2004	Ito et al			
	AC	2002/ 0052914	05/2002	Zalewski et al			
	AD	2004/ 0003063	01/2004	Ashok et al			
	AE	2004/ 0212511	10/2004	Ahrens et al			
	AF	2005/ 0050085	03/2005	Shimada et al			
	AG	2003/ 0055933	03/2003	Ishizaki et al			
	AH	6,615,324	09/2003	Fernald			
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	AJ						
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